BRUHATH BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Comparitive Statement

Name of Work:	Restoration and Improvements of Balance roads of Chowdeshwari layout, Mariyappa layout, Muniraju layout, jyothinagara 1st main road, Deo Marvel layout, Sainagara phase-1 and surrounding areas in W NO-13)
Estimate Amount:-	Rs 1100.00 LAKHS
Name of Contractor:-	M/S Sathya Constructions , Prop. Rajeshwaran Satheesh, No: 600, Down Bazar Road Yelahanka, Banagalore - 560064.
Approved amount:-	9720997 4.000
Tender premium:-	1.00% Above

Sl No.	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			AMOUNT
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	8400.34	217.43	1826486.00	8591.85	8591.85	217.43	1868126.00	0.00	217.43	0.00	1868126.00
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal course aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	1403.65	5675.99	7967104.00	1373.05	1373.05	5675.99	7793396.00	0.00	5675.99	0.00	7793396.00
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal course aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	2686.22	7497.22	20139183.00	2737.36	2737.36	7497.22	20522618.00	0.00	7497.22	0.00	20522618.00
4	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specification and as per the directions of the Engineer-in-charge of the work	tonne	163.71	80948.07	13252204.00	168.28	168.28	80948.07	13621539.00	0.00	80948.07	0.00	13621539.00
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	7299.17	1941.22	14169295.00	6957.81	6957.81	1941.22	13506640.00	0.00	1941.22	0.00	13506640.00
6	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and as per the directions of the Engineer-in-charge of the work	Sqm	380.55	4530.86	1724219.00	361.20	361.20	4530.86	1636547.00	0.00	4530.86	0.00	1636547.00
7	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal course aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and calls, including cost of all materials, labour, HOM curing complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	168.05	6089.86	1023401.00	156.59	156.59	6089.86	953623.00	0.00	6089.86	0.00	953623.00
	Providing and fixing pre cast solid cement concrete kerb stones made out of [illegible] and bottom width 114 and 165 mm respectively, 400mm												

	Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			AMOUNT	excess
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt	14	
1	2	3	4	5	6	7	8	9	10	11	12	13		
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	2940.91	85.65	251889.00	2583.28	2583.28	85.65	221258.00	0.00	85.65	0.00	221258.00	0
10	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	6468.53	64.58	417738.00	6581.56	6581.56	64.58	425038.00	0.00	64.58	0.00	425038.00	73
11	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	18957.60	6.42	121708.00	18369.30	18369.30	6.42	117931.00	0.00	6.42	0.00	117931.00	
12	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	142.83	347.95	49698.00	2639.11	178.54	347.95	62123.00	2460.57	347.95	856144.00	918267.00	868
13	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	2843.64	2014.87	5729565.00	2755.40	2755.40	2014.87	5551764.00	0.00	2014.87	0.00	5551764.00	0
14	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	3791.52	2021.29	7663762.00	3826.17	3826.17	2021.29	7733790.00	0.00	2021.29	0.00	7733790.00	700
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	18957.60	34.26	649488.00	19100.54	19100.54	34.26	654385.00	0.00	34.26	0.00	654385.00	489
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	947.88	7365.73	6981829.00	955.03	955.03	7365.73	7034473.00	0.00	7365.73	0.00	7034473.00	5264
17	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specification and as per the directions of the Engineer-in-charge of the work	Sqm	18957.60	12.85	243606.00	19100.54	19100.54	12.85	245442.00	0.00	12.85	0.00	245442.00	183
18	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	758.30	8534.82	6471955.00	764.02	764.02	8534.82	6520788.00	0.00	8534.82	0.00	6520788.00	48833
	Road Marking with Hot Applied Thermoplastic Compound with													

Description of Work	Unit	Qty as per Quoted Rate			Total Qty Executed	Qty as per Anticipated upto 125%			Qty as per Anticipated above 125%			Difference		Rem
		Qty	Rates	Amount		Qty	Rates	Amt	Qty	Rates	Amt	AMOUNT	excess amount	Savings amount	
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Road markers/ Road stud , KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997.The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree.The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19mm and height not less than 30mm)from the body is to be a minimum value of 500kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacture's recommendation and complete as per specification and as per the directions of the Engineer-in-charge of the work	Nos	278.00	360.79	100300.00	0.00	0.00	360.79	0	100	360.79	0.00	0.00	0.00	100300.00	
Sub Total				**97209974.00**							**856144.00**	**97208974.00**	**1860932.00**	**1861932.00**	
For 12% Applicable GST				**11665197.00**							**102738.00**	**11665077.00**	**223312.00**	**223432.00**	
Grand Total				**108875171.00**							**958882.00**	**108874051.00**	**2084244.00**	**2085364.00**	

Cross Check

Tender Amount	97209974.00
Executed Amount	97208974.00
	1000.00

Total Saving Amount	1861932.00
Total Excess Amount	1860932.00
	1000.00

Contractor

Assistant Engineer